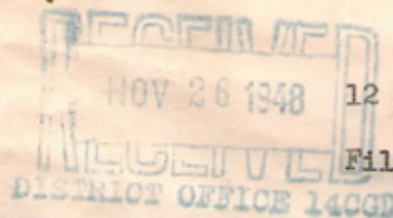


UNITED STATES COAST GUARD



ADDRESS REPLY TO

CO. CGLTS  
USCG Depot Box #3  
AND REFER TO  
Navy 926 % FPO  
San Francisco, Calif.



12 November, 1948

File: OSU-OAN 601,607

From: Commanding Officer, CG Loran Transmitting Station, Ulithi  
To : Commandant (OSU-OAN)  
Via : Commander, 14th Coast Guard District (osu-oan)

Subj: Loran Station Operational Data Reports

1. In accordance with operations memorandum No.9-48, subject are herewith forwarded.
2. Subject forms present a complete and useful description of the units' operational characteristics and problems.

*C.E. Haley*  
C.E. HALEY

Incl

Loran station operational data reports

Incl-1

Comdr 14th CG District

10 December 1948

FILE: 601

From: Commander 14th CG District  
To: Commandant (osu - oan)  
Subj: Operational Data Report, forwarding of

1. Forwarded.

2. With regard to para 3(d) Part II of report; Headquarters is advised that there is no definite information at the District Office to show the occupancy status of the Coast Guard Loran Station at Petangeras Island, Ulithi Atoll. It is requested that this office be furnished this information for inclusion in the basic report.

7

*J.D. Conway*  
J.D. CONWAY  
Chief of Staff

2496(15)



J.S. COAST GUARD  
OPERATIONAL DATA REPORT  
PART I

15 October, 19 48  
(date)

1. Reporting Unit: Potangeras Is., Ulithi Atoll 338 14th Coast Guard District
2. Operations:

(a) Mission, primary (refer OPFAC, Part III, Section A):

- (1) Rate (s): 4H2
- (2) Type of station (slave, monitor, etc.): Master
- (3) Other stations in chain (list): ocos, and Saipan

(b) Additional tasks (list any operational or administrative duties performed, or for which the unit is responsible, other than those incident to primary mission, above; indicate amount of work performed under each type of duty listed):



U. S. COAST GUARD  
OPERATIONAL DATA REPORT  
PART II

15 October, 19 48  
(date)

338

1. Reporting Unit: Potangeras Is., Ulithi Atoll, 14th Coast Guard District

2. Location:

(a) Place Name: Potangeras Is., Ulithi Atoll, Marianas Group

(b) Latitude: 10° 04' 14.5" N ; Longitude: 139° 40' 24.3" E.

3. Site:

(a) Location chart: On inclosure 1, appended, draw in the unit's site and note any other items of special significance to Coast Guard interests in the locality, except those of a higher than "unclassified" security classification.

(b) Photos: Obtain, mark "inclosure 2", and append a file of photos of the unit, including, if practicable, an aerial view (oblique) from 1500 feet. (Note: To be augmented as necessary from district files by District Commander reviewing the report. An up-to-date definitive file of photos preferably 8"x10 $\frac{1}{2}$ ", is desired.)

(c) Sketch: Prepare, mark "inclosure 3", and append a sketch, 8"x10 $\frac{1}{2}$ ", to some convenient scale, showing boundaries of the site and location of all buildings and other important features. (Note: Name or number buildings in sketch to agree with name or number used in paragraph 4, below.)

(d) Status of occupancy of site: (Note: To be filled in by District Commander reviewing the report)

**Request Headquarter enter status of occupancy of site here.  
No information available at this 14th CG District Office.**

- (2) " " " (use and occupancy of site)  
(3) Leased? \_\_\_\_\_  
(4) Occupied on permit? \_\_\_\_\_  
(5) Otherwise occupied, as follows: \_\_\_\_\_

(e) Physiography: Prepare, mark "inclosure 4", and append a brief summarized description of the physiography of (1) the local region and (2) the unit's site. Include information as to type of soil, evidence of erosion, amount of vegetation, hills, slopes, elevations, cliffs, beaches, waterways, climate and other important physical characteristics. Clearly indicate any features which have special significance to Coast Guard interests in the locality.

4. Structures (except wharves):

(a) Prepare, mark "inclosure 5A", "inclosure 5B", etc., and append a "Structure Form" for each structure (except wharves) on the station. (Note: A sample "Structure Form" is attached.)



Potangeras Is., Ulithi Atoll 338  
(unit)

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- (b) Berthing and messing capacity of unit as now equipped: 3 officers;  
22 enlisted.
- (c) Maximum berthing and messing capacity of unit, conditional upon provision of additional equipment as listed in "inclosure 6": 3 officers;  
26 enlisted. (prepare, mark "inclosure 6", and append a list of items required by the unit to permit full utilization of available berthing and messing space.)

5. Communications:

(a) Mail:

- (1) Mailing address: USCG Depot Box #3, Navy 926 % FPO, San Francisco, Calif.
- (2) Normal routing of mail and method of delivery (fill in only if beyond Continental U. S.): Guam, M.I. to Potangeras Is., via CG Plane or Navy supply vessel
- (3) Normal frequency of delivery: Twice a month
- (4) Normal time-delay in transit and delivery at the unit of mail from Continental U. S. (fill in only if beyond Continental U. S.):  
ten to thirty days.

(b) Radio:

- (1) Is voice radio communication equipment installed? Yes
- (2) Is CW radio communication equipment installed? Yes

(c) Telephone:

- (1) Number (if connection to commercial exchange): None
- (2) Other connections to outside points:

(d) Teletype:

- (1) Coast Guard net? None
- (2) Commercial (TWX)? None
- (3) Others (list): None

6. Transportation:

(a) General:

- (1) Indicate normal method of routing freight and passengers to unit:  
Freight: Via Navy supply vessel or CG Plane

Passengers: <sup>V</sup>ia Navy supply vessel or CG Plane



- (2) Are indicated methods reliable? Yes Adequate? Yes  
If unreliable or inadequate, indicate why and, if possible, recommend more satisfactory routing:

(b) Air:

(1) Airfields accessible to unit by vehicle or boat:

<u>Name</u>	<u>Location</u>	<u>Distance from Unit</u>	<u>Via Vehicle or Boat (show which)</u>	<u>Type of Service</u>	<u>Airlines Serving</u>
Airstrip	Palalop, Is.	8 miles	Boat	CG/Navy	None

(2) Seaplane landings accessible to unit by vehicle or boat:

<u>Name</u>	<u>Location of Anchorage or Ramp</u>	<u>Distance from Unit</u>	<u>Via Vehicle or Boat (show which)</u>	<u>Type of Service</u>	<u>Airlines Serving</u>
Northern Anchorage	Ulithi Lagoon	1 mile	Boat	CG/Navy	None

(c) Land:

- (1) Highways (cite main roads linking unit with, and distances from unit to, populated centers): None

- (2) Bus lines (cite bus lines linking unit with, and distances from unit to, populated centers): None

(3) Railroads:

- (a) Terminals accessible to unit by vehicle or boat: None

<u>Name</u>	<u>Location</u>	<u>Distance from Unit</u>	<u>Via Vehicle or Boat (show which)</u>	<u>Type of Service</u>	<u>RR Lines Serving</u>
-------------	-----------------	---------------------------	---	------------------------	-------------------------

- (b) Unit's RR freight address: None



(d) Sea:

(1) Terminals (for ocean-going-vessels) accessible to unit by vehicle or boat

<u>Name</u>	<u>Location</u>	<u>Distance from Unit</u>	<u>Via Vehicle or Boat (show which)</u>	<u>Type of Service</u>	<u>SS Lines Serving</u>
Ulithi Lagoon	Ulithi Lagoon	1 mile	Boat	CG/Navy	None

(2) Anchorage (for ocean-going vessels) in vicinity of unit:

- (a) Location: Ulithi Lagoon
- (b) Controlling depth: 13 to 55 feet
- (c) Holding ground: Good
- (d) Protection from wind and sea: Good

(e) Average sea conditions: Smooth sea and short chopping sea.

(f) Distance to landing beach or wharf:

(3) Wharf at or near unit for landing supplies by boats:

- (a) Location: Southeast end Potangeras Is., lagoon side,  $\frac{1}{2}$  mile east of station
- (b) Type of construction: Pontoon
- (c) Controlling depth of channel:  $7 \frac{1}{2}$  ft.
- (d) Range of tide:  $2 \frac{1}{2}$  to  $4 \frac{1}{2}$  ft. mean H.W. interval 7 hrs 22 min.
- (e) Length of berth across face: \_\_\_\_\_; depth of water at MLW \_\_\_\_\_
- (f) Length of berths alongside: \_\_\_\_\_; depth of water at MLW \_\_\_\_\_
- (g) Cargo handling facilities:

(h) Normal routes and methods of moving supplies to storage (indicate distance and type of terrain and roads traversed):  $\frac{1}{4}$  mile, bulldozed roads, improved with gravel and coral, and serviceable. Terrain flat.

(4) Landing beach at or near unit for landing supplies by boats:

- (a) Location:  $\frac{1}{2}$  mile east of station, lagoon side.
- (b) Nature of beach: Coralline

(c) Bottom: Sand and coral

(d) Slope above and below waterline: Gentle slope to reef and at edge of reef sharp drop.

(e) Usable length: 150 ft.

(f) Reefs, etc., limiting access: Reefs make landing difficult at low tide.



Potangeras Is., Mithi Atoll 338  
(unit)

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(g) Surf and wind conditions affecting use: Fresh to strong breeze from south, southwest and southeast, cause light to heavy ground swell. Prevailing wind is northeast

(h) Precautions: At low tide; reefs and ground swells

(i) Types of boats suitable for landings: LCVP and LCM

(j) Normal routes and methods of moving supplies to storage (indicate distance and type of terrain and roads traversed):  
½ mile bulldozed road, improved with gravel and coral, terrain flat. Dukw and weapons carrier used.



338-Potangeras Is., Uthiti Atoll  
(Unit)

15 October, 19 48  
(date)

7. Logistics:

(a) Indicate sources of supply, etc., of following:

	Normal Source	Frequency Of Delivery	Via (Method of Delivery)	Alternate Source	Local Source	Remarks
<u>Meat</u>	NSC, Guam, M.I.	1 delivery per month	Navy Supply Vessel	CG/Vessel	None	
<u>Dry Provisions</u>	NSC, Guam, M.I.	1 delivery per month	Navy Supply Vessel	CG/Vessel or plane	None	
<u>Fresh Frts &amp; Vgs</u>	NSC, Guam, M.I.	1 delivery per month	Navy Supply Vessel	CG/Vessel	None	
<u>Personal Stores</u> (candy, tobacco, etc.)	USCG, Depot, Guam, M.I.	1 delivery per month	CG/Plane Navy Supply Vessel	CG/Vessel	None	
<u>Clothing</u>	USCG, DEPOT Guam, M.I.	1 delivery per month or as required	CG/Plane Navy Supply Vessel	CG/Vessel	None	
<u>Fuel</u>	USCG, Depot, Guam, M.I. &/or USCGC Kukui	As required or once yr.	Navy Supply Vessel/CG Vessel	None	None	
<u>Machinery Parts</u>	USCG Depot, Guam, M.I. USCGC Kukui	As required or on visit Kukui	Navy Supply Vessel/CG Plane CG/Vessel	None	None	
<u>Electronic Parts</u>	USCG Depot, Guam, M.I. USCGC Kukui	As required or on visit Kukui	Navy Supply Vessel/CG Plane CG/Vessel	None	None	



(unit)

(date)

\* One Cleaver-Brooks distiller on hand, not used. Supply adequate.

(b) Indicate source, method, and adequacy of water supply: Two wells; one approximately 10 feet deep (covered), and one 15-20 feet deep (covered), which affords a practically unlimited amount of potable water to the storage tanks at a minimum rate of 25 g.p.m. with no noticeable drop in well level. \*

(c) Indicate source, method, and adequacy of electric power supply, including emergency supply: Four generators, installed; PE-205-B, Diesel Electric, 18.75 KVA, voltage 120/240, single phase, 60 cycle, power factor 80%. Supply adequate. No emergency supply available.

(d) Storage space:

	<u>Cu. Ft.</u>	<u>Adequate?</u>	<u>Additional Required</u>
Frozen Storage:	150	Yes	None
Chilled Storage:	150	Yes	None
Fresh Fruits & Veggies:			
(except chilled)	70	Yes	None
Dry Provisions:	2000	Yes	None

	<u>Gallons</u>	<u>How Stored</u>	<u>Adequate?</u>	<u>Additional Required</u>
Drinking Water	275	Tank	Yes	None
Diesel Oil	18,500 lbs	50 gal. drums	Yes	None at present
Gasoline	550	50 gal. drums	yes	None at present
Kerosene	150	drums, 50 gal.	Yes	None at present
Coal (Tons)	none			

(e) Fuel requirements, annual; List: 500 drums diesel; 75 drums gasoline; 8 drums kerosene.

(f) Comment on adequacy of existing method of procuring, handling and storing supplies: Diesel, gasoline, and kerosene, stored  $\frac{1}{4}$  mile east of station. Gasoline stored in shade. Storage adequate. Drums taken from beached LCM, transferred to truck and hauled to storage grounds.

## 8. Security:

(a) Describe provisions made and measures being taken to limit access to the unit (fences, gates, security watches, etc.): Grounds partly fenced. No gates. Six permanent Natives living on island. Natives, honest and very cooperative. No people living on atoll outside of Natives. Scope operator going on and coming off watch, checks station for security.

(b) Are these provisions and measures adequate? Yes If not, explain:

(c) Is trespass or attempted trespass by unauthorized persons considered likely? Explain: No. All vessels request permission prior to entering harbor. C.O. kept advised of Natives arrival and departure from island. Natives also report presence of vessel in lagoon. No trouble anticipated from Natives.



- (d) What means has the unit at hand to defend itself against armed attack, sabotage, etc.? (Small arms, ammunition, etc. List):

<u>Allowed</u>	<u>On Board</u>	<u>Adequate?</u>	<u>Remarks</u>
6	6 Rifles, 30, M-1	Yes	ammunition 1200 rds .30 cal. 1576 rds. .45
1	1, Mossberg, Rifle, Cal. .22	Yes	200 rds. 12 gauge 2171 rds. .22 cal.
1	1, Shotgun, 12 gauge	Yes	
6	6, Pistols, Cal. .45 Automatic	Yes	
1	1, Pistol .22 cal.	Yes	

(e) What local sources of armed assistance may be depended upon? (U.S. Army or Navy units, etc. List): None

- (f) Firefighting equipment at unit:

<u>On Board</u>	<u>Operative?</u>	<u>Adequate?</u>	<u>Remarks</u>
16 fire extinguishers	16	Yes	Recommend, portable Co2 Kide Type, 2 cyl. cart.
Fire hose 250 ft.	Yes	Yes	connected to 3,000 gal storage tank & pump.

- (g) Are fire mains well-located and operative? None If not, explain:

Fire hose connected to gravity feed, 3000 gal tank, via fire pump. Also connected to well.

(Note: Indicate fire hydrants in red on inclosure 3)

- (h) What type of fire watch is maintained? None, other than scope operator coming off and going on watch.

- (i) What firefighting assistance from other sources may be depended upon?

Assistance from Natives.

## 9. Sanitation and Health:

- (a) Drinking water:

(1) What precautions are taken to insure that the supply is fit to drink? Water filtered thru Puro-Pumper, tested 21 April, 1948, by Doctor, on Kukui, and was found potable. Bacteriological tests were made and water found safe.



338 Potangeras Is., Ulithi Atoll  
(unit)

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(date)

(2) Are these precautions considered effective? Yes If not, explain:

(b) Garbage:

(1) How is garbage disposed of? Into ocean, beyond reef.

(2) Is this method satisfactory? Yes If not, explain:

(c) Sanitary System:

(1) Are adequate lavatories, bathtubs, showers, waterclosets, sinks, laundry tubs, etc., available and operative? Yes If not, explain:

(2) How is sewage disposed of? Underground septic tank, with diffuser system.  
Is this method satisfactory? Yes If not, explain:

(d) Refuse matter:

(1) What precautions are taken to prevent propagation and spread of disease germs from refuse matter? Burned or disposed of into the ocean, beyond reef.

(2) Are these precautions considered effective? Yes If not, explain:

(e) Insect pests:

(1) What precautions are taken to safeguard personnel against insect pests?  
.D.D.T. spray used for flies and mosquitoes.

(2) Are these precautions considered effective? No If not, explain:  
During rainy season, mosquitoes are abundant. Flies are of the fruit fly variety and come and go.



- (f) Diseases: Prepare, mark "inclosure 7", and append: (1) list of diseases common to the area against which, according to your best knowledge or belief special inoculations or other precautions are necessary. Indicate whether or not such inoculations or other precautions are being carried out; give details of precautions. (2) List of diseases or ailments which occur most frequently among unit's personnel. (Note: If in doubt as to precise medical nomenclature, give best information available.)
- (g) Medical aid:
- (1) Nearest hospital available for unit's use: Guam, M.I. Naval Hospital  
Distant 356 miles via
- (2) Nearest regularly authorized source of professional medical treatment  
Distant 356 miles via Plane and /or vessel  
Describe employment status of physician (U.S.P.H.S. officer; civilian contract physician, full time or part time, etc.) Naval hospital, Guam, M.I.
- (3) Nearest regularly authorized source of professional dental treatment  
Distant 356 miles via  
Describe employment status of dentist Naval hospital, Guam, M.I.
- (4) Are services furnished as indicated in (1), (2) and (3) above satisfactory? Yes. If not explain:
- (5) Location of more convenient facilities for emergency medical or dental treatment (not regularly authorized): None



- (6) What facilities and personnel are available at the unit for providing first aid treatment? Hospitalman attached.

Are these adequate? Yes If not, explain:

- (7) Are there any sanitary or medical service problems which make it desirable for a sanitary engineer or medical representative to visit the unit? (Indicate nature of problem.) Not at present

10. Welfare:

(a) Family quarters:

- (1) Are government quarters provided at the unit? No. If yes, for how many families? \_\_\_\_\_
- (2) Are these adequate? If not, explain:
- (3) Are privately owned rental quarters available in the area in quantities sufficient to meet the unit's reasonable needs? No privately owned rental quarters available this area.

(b) Recreation:

- (1) What types of recreation and what recreational facilities are available at the unit? (Underscore most popular types). Swimming, fishing, baseball, volleyball, ping-pong, movies, hobby-kits, shell collecting, photography and developing, and a library



Potangeras Is., Ulithi Atoll 338  
(unit)

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(date)

(2) What additional types of recreational facilities, within reason, might be provided to good advantage at this unit? A sixteen foot skiff and outboard motor. The skiff with motor could be used for fishing and recreation. It also could be used to carry small cargo back and forth to the vessels.

(3) What types of recreation and what recreational facilities are available in the nearby vicinity? None



U.S. COAST GUARD  
OPERATIONAL DATA REPORT  
PART III

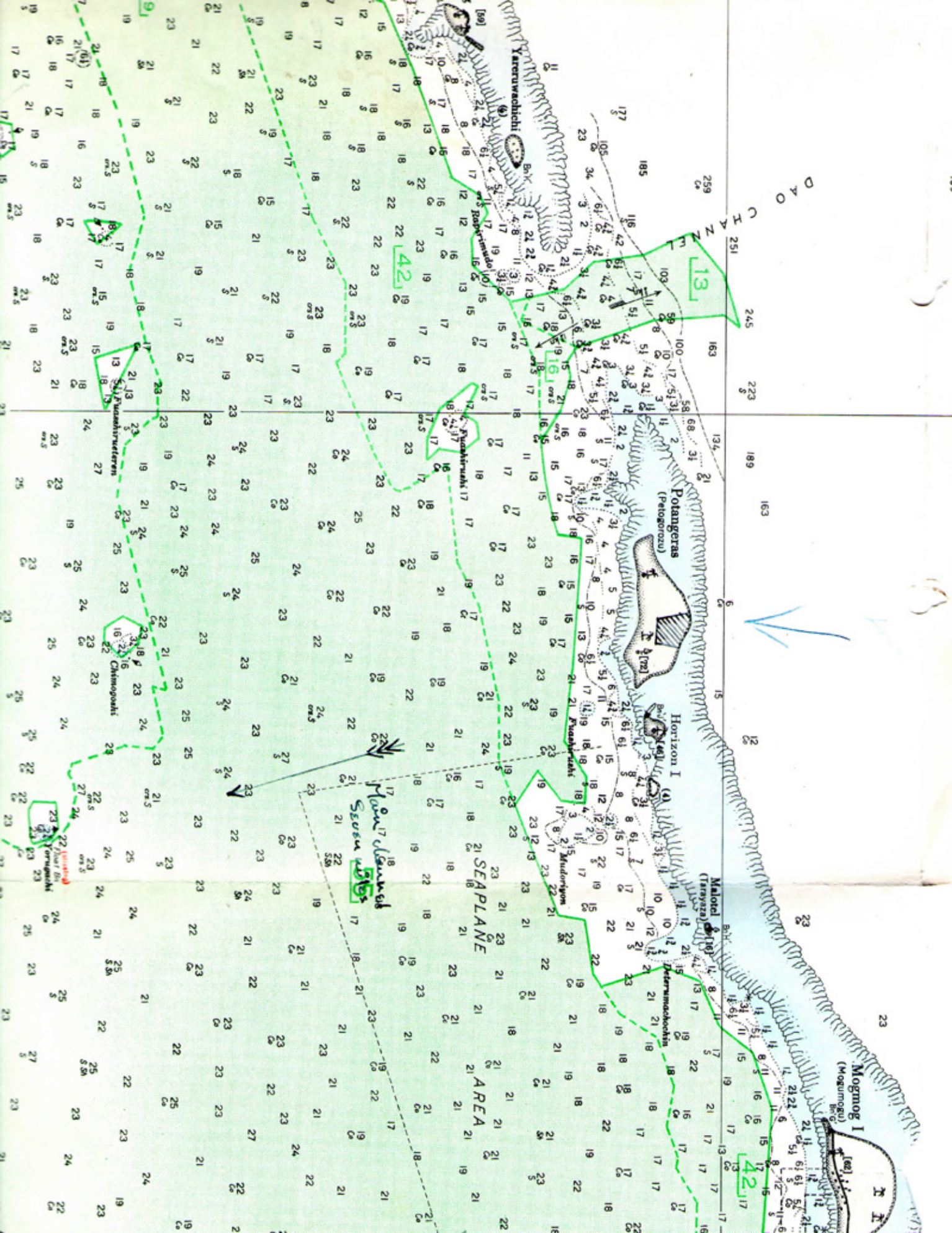
15 October, 19 48  
(date)

1. Reporting unit: 338 Potangeras Is., Ulithi Atoll 14th Coast Guard District

2. Work Load Estimates:

- (a) As applied to work-loads in inclosure 8 of this report, the term "optimum condition" shall mean "work-load imposed by performance of the unit's assigned tasks, including normal maintenance of unit and equipment"; "minimum condition" shall mean "work-load imposed by performance of the unit's assigned tasks, including emergency minor repair of equipment". The latter term shall represent the minimum work-load below which the unit may expect to cease effective operations.
- (b) Prepare, mark "inclosure 8A", "inclosure 8B", etc., and append a Work-Load Estimate sheet for the unit and one for each additional facility attached. In "man-hours/week" column, indicate estimated average work-load in the specific type of activity indicated on left-hand side of sheet. In the "recommended rating structure" column, do not break the rating down into chief, 1c, 2c, 3c; show only the general classification, thus "LT", "EN", etc. (Note: A sample "Work Load Estimate" sheet is attached.)







POTANGERAS,  
ULITHI

INCLOSURE 3

Monitoring Antenna

N

Emergency Antenna

Main Antenna

Equipment Hut

Communications Antenna

To remote communication receiving antenna 800' approx.

Carpenter Shop

Battery Shop

Power Hut

Pump House

Paint Locker

Laundry

Well

Dark Room

Garage

Galley & Mess Hall

Storage Hut

Enlisted Men's Hut

Officer's Hut

800' Approx.

700' Approx.

APPROX:

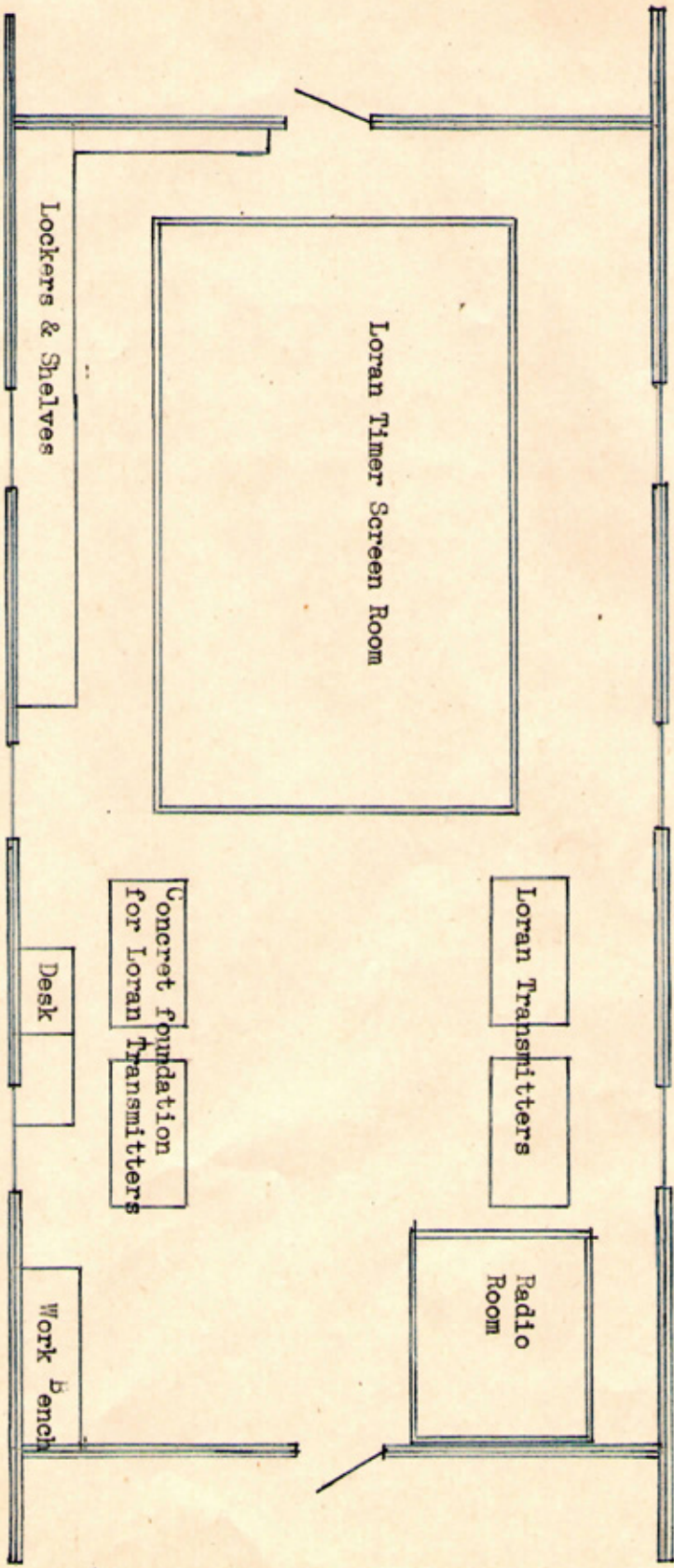
Scale: 100' to 1"

INCLOSURE (3)



EQUIPMENT HUT  
22' x 48'

INCLOSURE 3



Scale: 6' to 1"

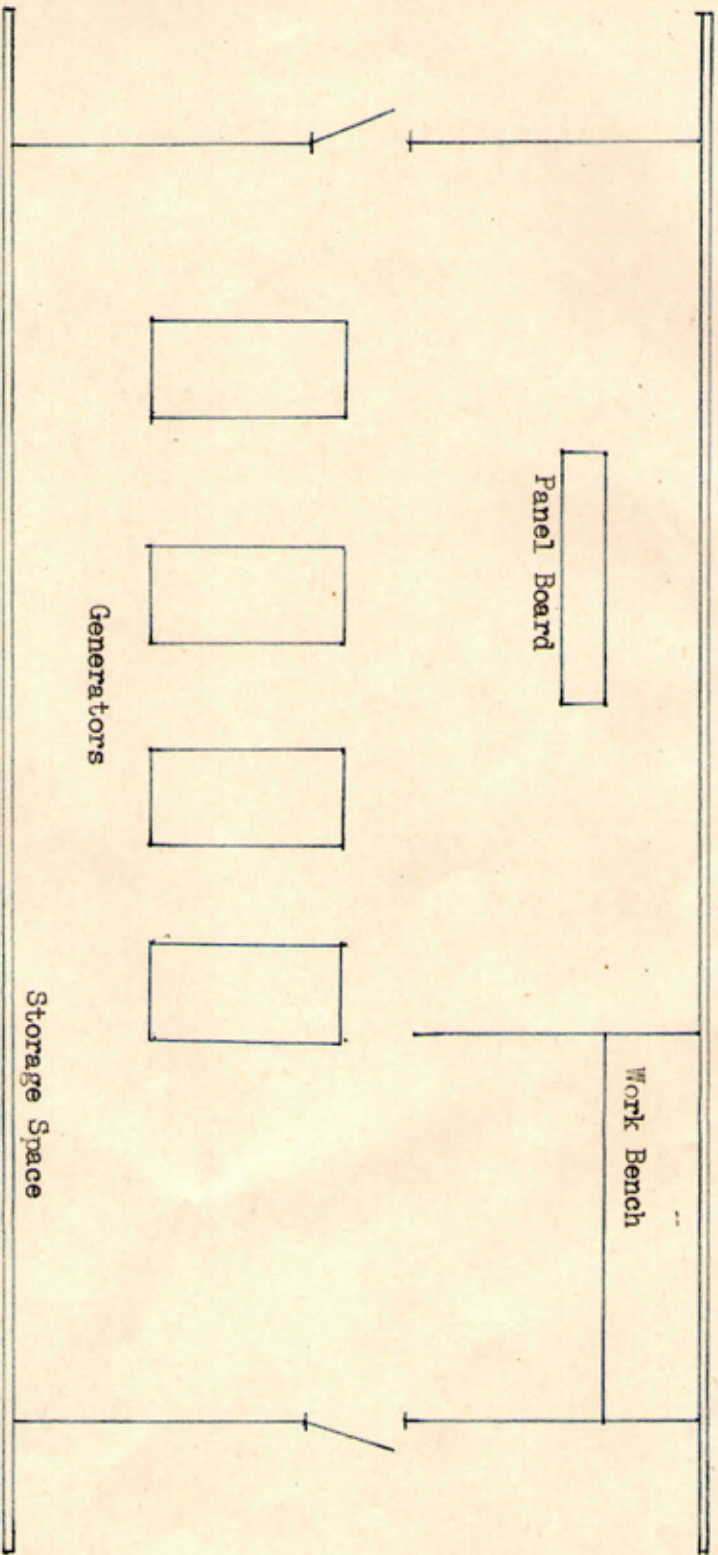
INCLOSURE (3)



POWER HUT

22' x 48'

ENCLOSURE 3



Note: Generators set on concrete blocks.

Scale: 6' to 1"

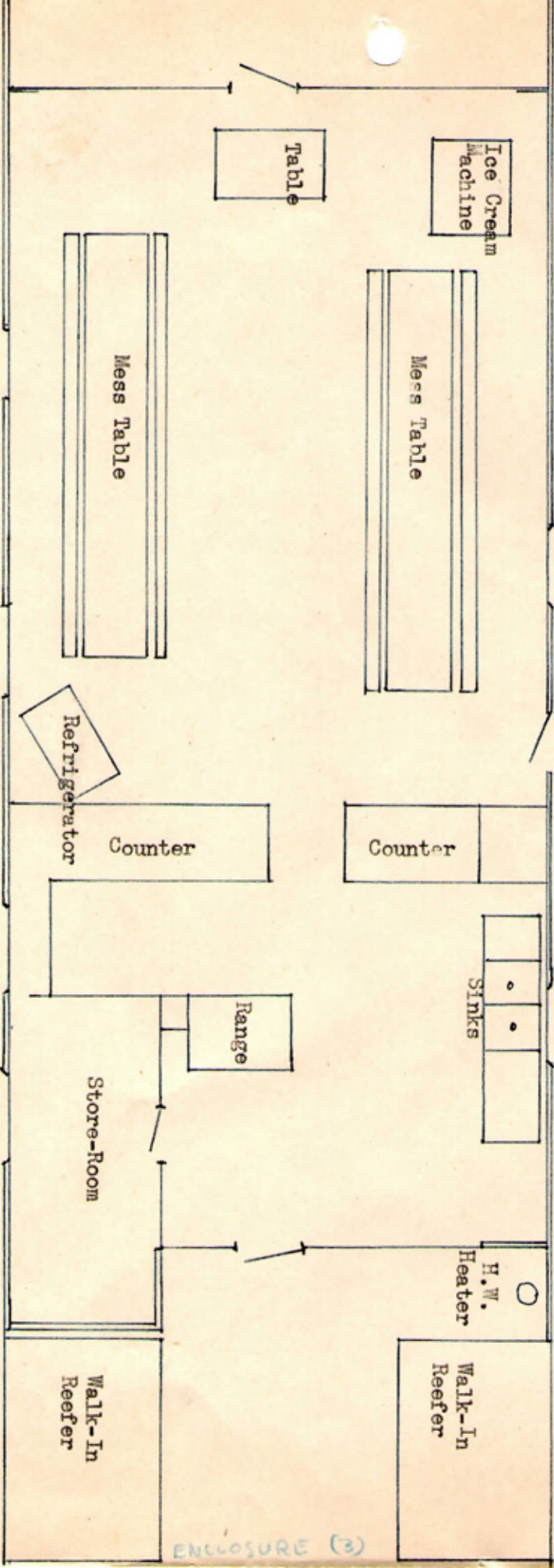
ENCLOSURE (3)



# GALLEY & MESS HALL

22' x 48'

ENCLOSURE 3



Scale: 6' to 1"

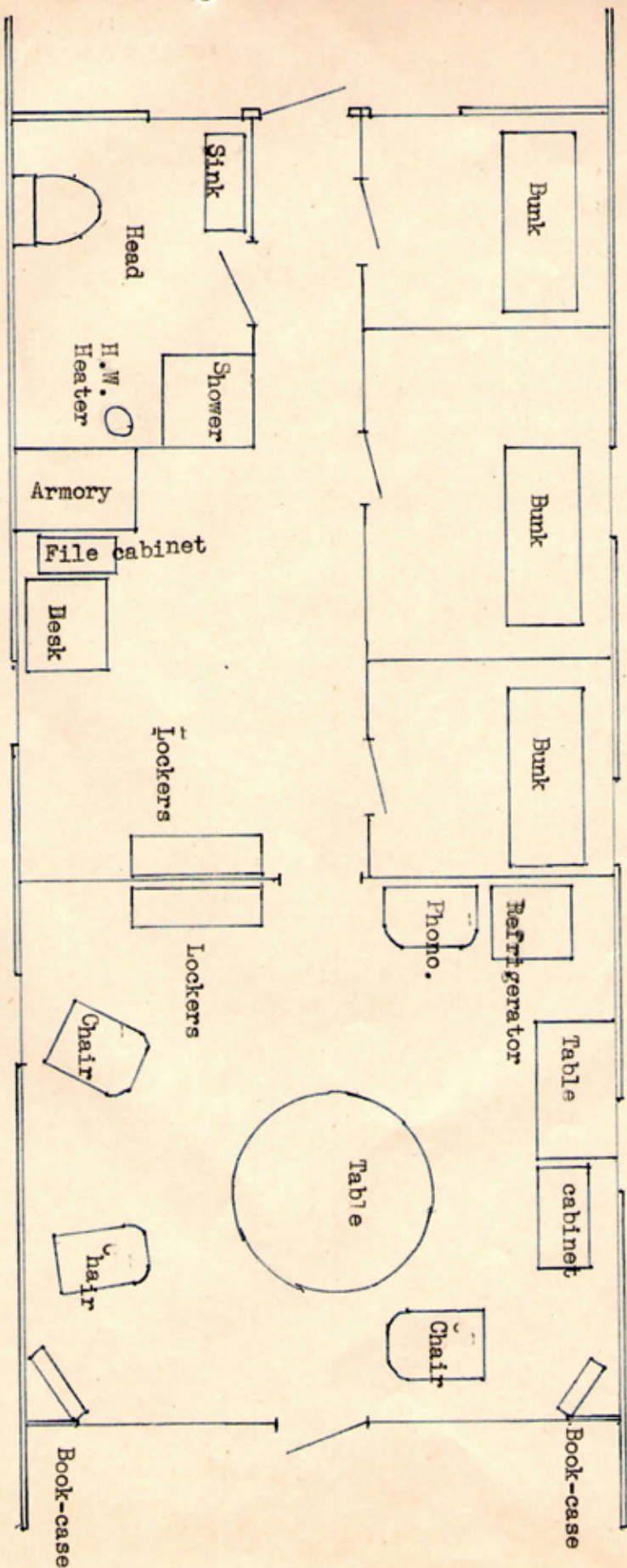
ENCLOSURE (3)



OFFICER'S HUT

22' x 52'

INCLOSURE 3



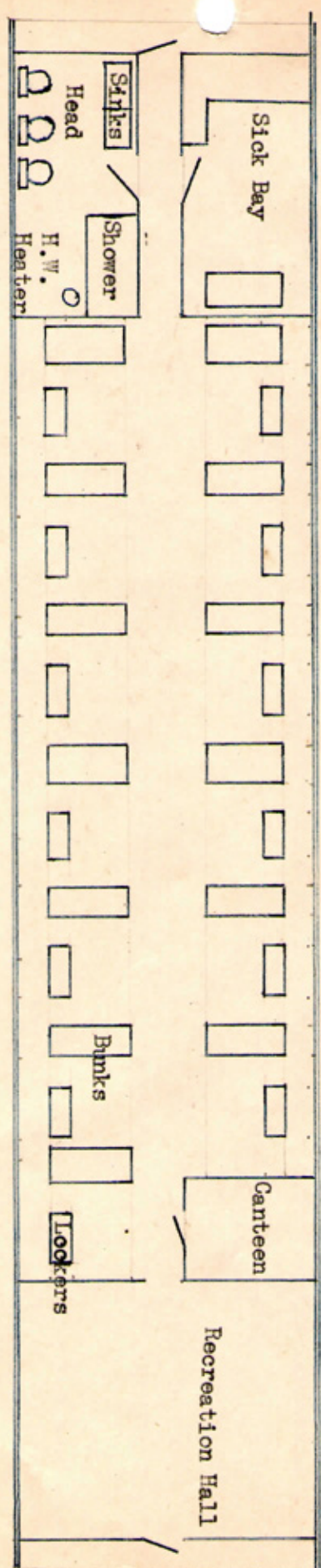
ENCLOSURE (3)

Scale: 6' to 1"



ENLISTED MEN'S HUT  
22' x 112'

ENCLOSURE 3



Scale: 12' to 1"

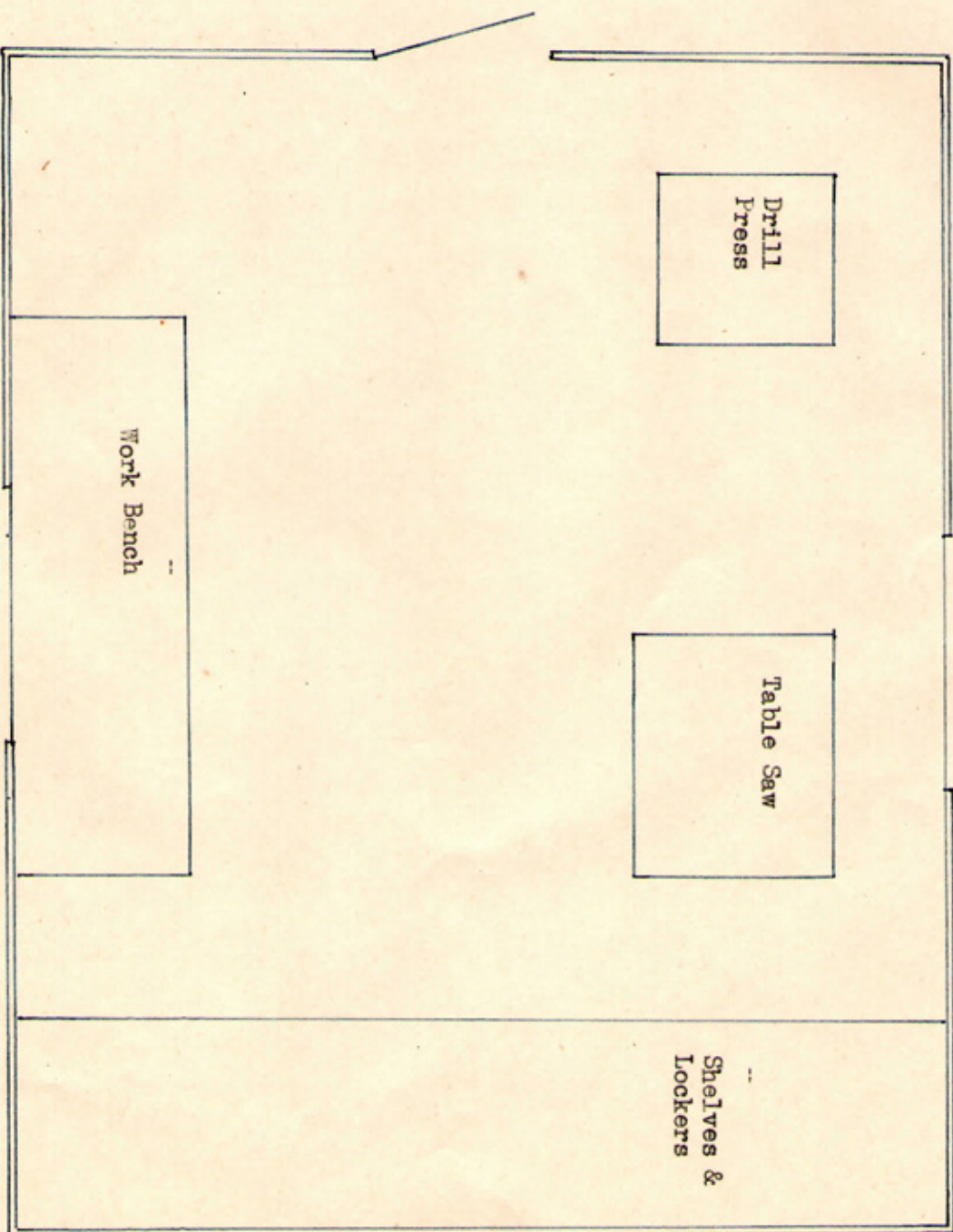
ENCLOSURE (3)



CARPENTER SHOP & HOBBY SHOP

ENCLOSURE 3

16' x 20'

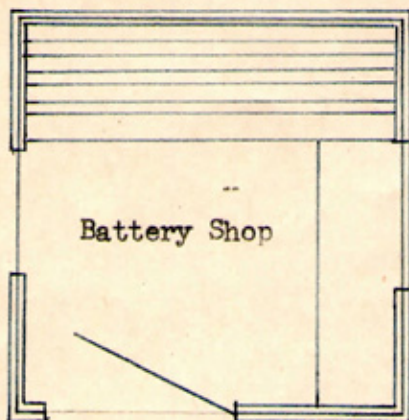


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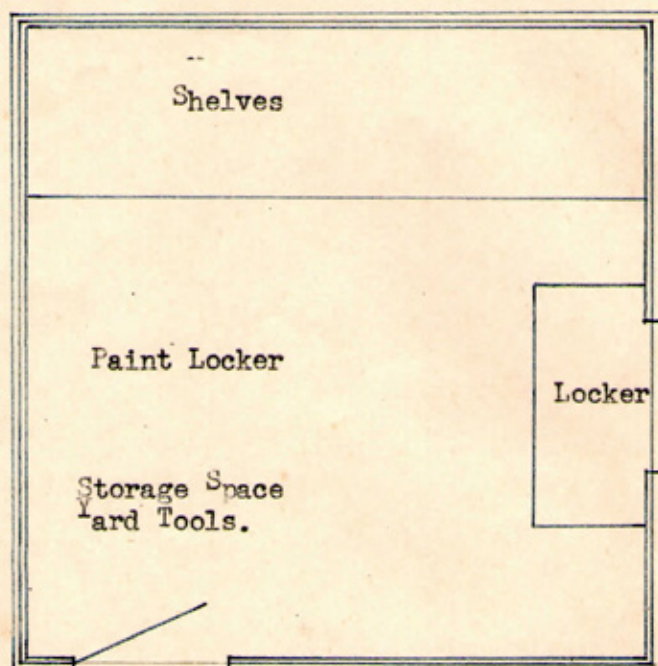
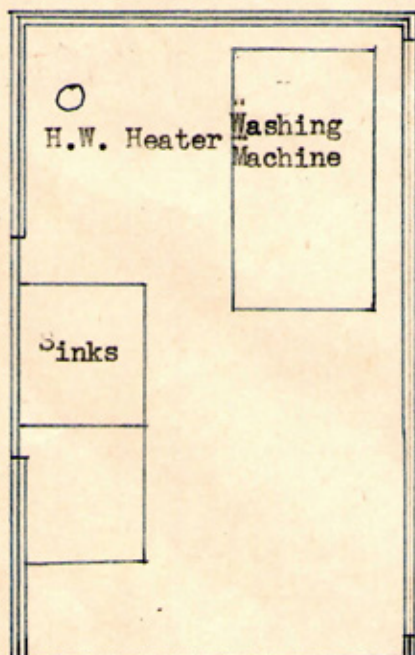
ENCLOSURE (3)



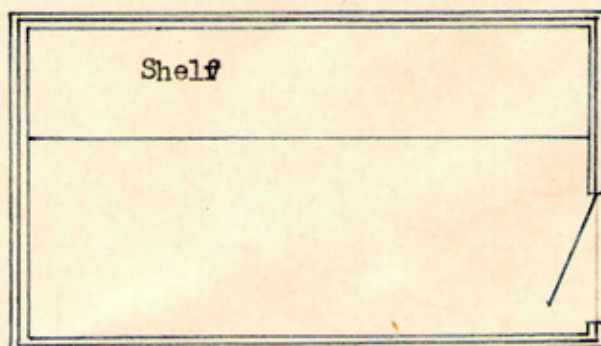
INCLOSURE 3



Laundry



DARK-ROOM



Scale: 3' to 1"

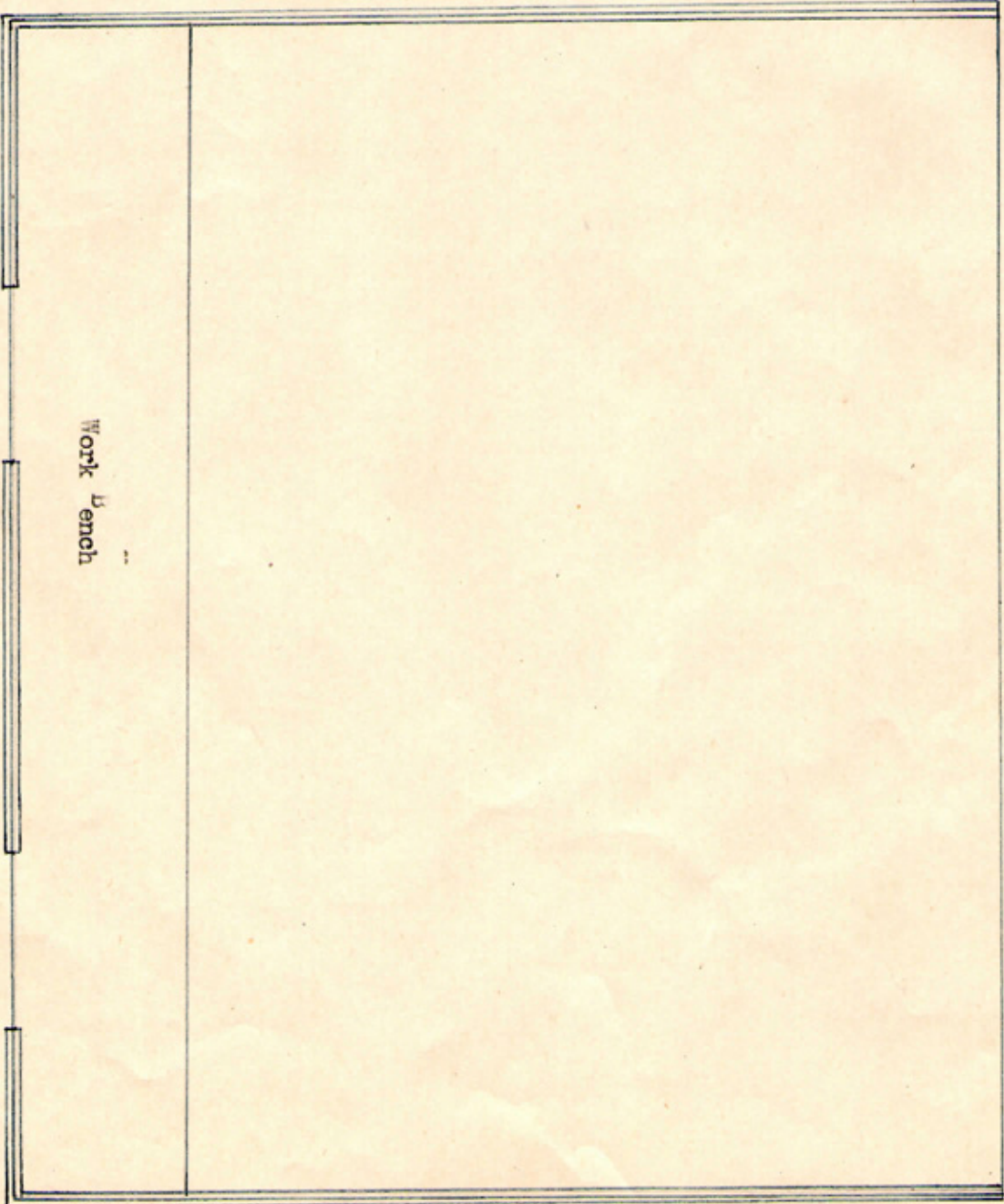
INCLOSURE (2)



GARAGE

17' x 20'

ENCLOSURE 3



Scale: 3' to 1"

ENCLOSURE (3)



STORAGE HUT

22' x 48'

INCLOSURE 3

GSK Stores

Commissary Stores

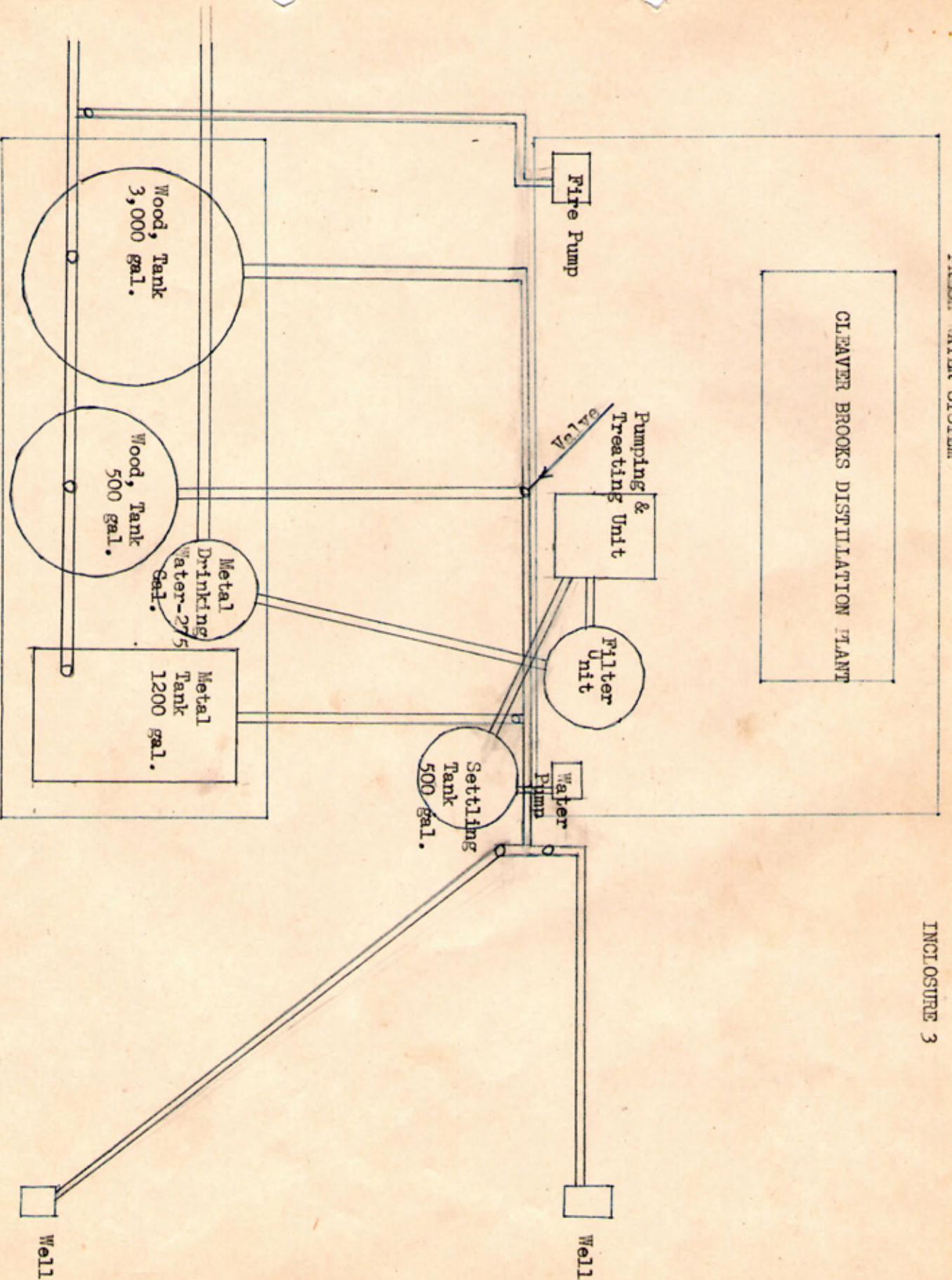
Scale: 6' to 1"

INCLOSURE (3)



# FRESH WATER SYSTEM

INCLOSURE 3



INCLOSURE (3)

Scale: 5' to 1"



15 October, 1948

Potangeras Is., Ulithi Atoll, 338

For Unit: Loran Transmitting Station.

The main islands making up the Ulithi Atoll are: Potangeras, Mog-Mog, Sorlen, Azor, and Falalop. The airstrip is located on Falalop, which is, distant 8 miles bearing ESE from Potangeras. Falalop, is located outside of the lagoon. The lagoon affords a natural harbor, and during the war there were over 1,000 vessels anchored here at one time. There are five channels entering the lagoon; (all distances and directions from Potangeras), Dowarugi distant 5 miles, bearing ESE, prevailing depth 32 ft. Mugai distant 7 miles, bearing SE., prevailing depth 32 ft. Dao, distant  $1\frac{1}{2}$  miles, bearing W., prevailing depth 13 ft. Towachi, distant 8 miles, bearing SW., prevailing depth 34 ft. Markers and buoys are missing in most channels, and those remaining may be out of position.

Potangeras Island, is approximately  $\frac{3}{4}$  mile long by  $\frac{1}{2}$  mile wide, flat, soil coralline, vegetation heavy, temperature 78 to 90, prevailing winds NE., humidity high, rainfall heavy. Two wells are used to furnish fresh water for the station. They provide an abundance of fresh water for all purposes.

Climate: Ulithi, is in the doldrum belt. The days are cloudy, hot and humid with little relief offered by winds. Typhoons incubate here. The seasons are hardly recognizable one from the other, for neither rain nor temperature show clear patterns. Rain fall is almost always heavy, temperatures are almost always fairly high from one month to another.

Topography: The islands are distinctly coralline and almost perfectly flat. They rise but a few feet above sea level. On the ocean side, there is a slight elevation or lipping of the land. Here there is much broken coral rock and practically no sand. On the lagoon side, we have sand and coral. Each island is surrounded by a distinct reef. From the edge of the reef to the beach, there are many large broken coral rocks, which are dangerous to small boats making a landing.

Soil: The soil is wholly coralline. It is unable to support a wide variety of plants and trees. There are coco-nut palms, breadfruit trees, squash, sweet potatoes, and papaya, which grow very well.

Fauna: Pigs are raised by the natives. Dogs are not numerous, though increasing in number, (one dog on Potangeras); Cats are abundant in the bush, (one cat on Potangeras). Rodents: brown rat, gray rat, and house mouse, (not bothered by rodents on Potangeras); and the fruit bat. Reptiles, small lizards and monitor lizards. No snakes. There are many species of transient birds. Fish: there is an abundance of edible fish. Sharks, sting ray, barracudas, moray eels, scorpion fish are present in moderate numbers. Insects: mosquitoes, small black flies, cockroaches, (all sizes), ants, scorpions, centipedes and spiders are present.

INCLOSURE 4



U S COAST GUARD  
OPERATIONAL DATA REPORT  
STRUCTURES FORM: Inclosure 5

15 October, 1948

Potangeras Is., Ulithi Atoll, 338

1. Name; structure as shown on sketch, Incl. 3

Equipment Hut

2. Cubic capacity: 7500 cu. ft. (approx.)
3. Purpose for which used: Loran and Radio equipment
4. Does structure as now equipped fill it purpose adequately? Yes

INCLOSURE (5)



U S COAST GUARD  
OPERATIONAL DATA REPORT  
STRUCTURES FORM: Inclosure 5

15 October, 1948

Potangeras Is., Ulithi Atoll, 338

1. Name; structure as shown on sketch, Incl. 3

Power Hut

2. Cubic capacity: 7500 cu. ft. (approx.)
3. Purpose for which used: House generators
4. Does structure as now equipped fill its purpose adequately? Yes

ENCLOSURE (5)



U S COAST GUARD  
OPERATIONAL DATA REPORT  
STRUCTURES FORM: Inclosure 5

15 October, 1948

Potangeras Is., Ulithi Atoll, 338

1. Name; structure as shown an sketch, Incl. 3  
Mess Hall and Galley
2. Cubic capacity: 7500 cu. ft. (approx.)
3. Purpose for which used: Mess Hall and Galley. Capacity: 3 officers and 24 enlisted.
4. Does structure as now equipped fill its purpose adequately? Yes

ENCLOSURE (5)



U S COAST GUARD  
OPERATIONAL DATA REPORT  
STRUCTURES FORM: Inclosure 5

15 October, 1948

Potangeras Is., Ulithi Atoll, 338

1. Name; structure as shown on sketch, Incl. 3

Officer's Hut

2. Cubic capacity: 7500 cu.ft. (approx.)
3. Purpose for which used: Officer's quarters and office. Capacity 3 officers
4. Does structure as now equipped fill its purpose adequately? Yes

ENCLOSURE (5)



U S COAST GUARD  
OPERATIONAL DATA REPORT  
STRUCTURES FORM: Inclosure 5

15 October, 1948

Potangeras Is., Ulithi Atoll, 338

1. Name; structure as shown on sketch, Incl. 3  
Enlisted Men's Hut
2. Cubic capacity: 15,000 cu. ft. (approx.)
3. Purpose for which used: Enlisted men's barracks and recreational hall.  
Capacity; 26 men.
4. Does structure as now equipped fill its purpose adequately? Yes

ENCLOSURE (5)



U S COAST GUARD  
OPERATIONAL DATA REPORT  
STRUCTURES FORM: Inclosure 5

15 October, 1948

Potangeras Is., Ulithi Atoll, 338

1. Name; structure as shown on sketch, Incl. 3  
Carpenter and Hobby shop
2. Cubic capacity: 2,000 cu. ft. (approx.)
3. Purpose for which used: Carpenter and Hobby shop
4. Does structure as now equipped fill its purpose adequately? Yes

INCLOSURE (5)



U S COAST GUARD  
OPERATIONAL DATA REPORT  
STRUCTURES FORM: Inclosure 5

15 October, 1948

Potangeras Is., Ulithi Atoll, 338

1. Name; structure as shown on sketch, Incl. 3  
Dark-Room
2. Cubic capacity: 300 cu. ft. (approx.)
3. Purpose for which used: Develop photographs
4. Does structure as now equipped fill its purpose adequately? Yes

INCLOSURE 5



US COAST GUARD  
OPERATIONAL DATA REPORT  
STRUCTURES FORM: Inclosure 5

15 October, 1948

Potangeras Is., Ulithi Atoll, 338

1. Name; structure as shown on sketch, Incl. 3

Paint Locker

2. Cubic capacity: 600 cu. ft. (approx.)
3. Purpose for which used: Storage of paint and yard tools.
4. Does structure as now equipped fill its purpose adequately? Yes

INCLOSURE (5)



U S COAST GUARD  
OPERATIONAL DATA REPORT  
STRUCTURES FORM: Inclosure 5

15 October, 1948

Potangeras Is., Ulithi Atoll, 338

1. Name; structure as shown on sketch, Incl. 3  
Battery shop.
2. Cubic capacity: 216 cu. ft. (approx.)
3. Purpose for which used: charge batteries and storage of batteries.
4. Does structure as now equipped fill its purpose adequately? Yes

INCLOSURE (5)



U S COAST GUARD  
OPERATIONAL DATA REPORT  
STRUCTURES FORM: Inclosure 5

15 October, 1948

Potangeras Is., Ulithi Atoll, 338

1. Name; structure as shown sketch, Incl. 3  
Laundry.
2. Cubic capacity: 360 cu. ft. (approx.)
3. Purpose for which used: Unit laundry
4. Does tructure as now equipped fill its purpose adequately? Yes

INCLOSURE (5)



U S COAST GUARD  
OPERATIONAL DATA REPORT  
STRUCTURES FORM: Inclosure 5

15 October, 1948

Potangeras Is., Ulithi Atoll, 338

1. Name; structure as shown on sketch, Incl. 3

Garage

2. Cubic capacity: 2,000 cu. ft. (approx.)
3. Purpose for which used: Garage for weapons carrier.
4. Does structure as now equipped fill its purpose adequately? Yes

ENCLOSURE (5)



U S COAST GUARD  
OPERATIONAL DATA REPORT  
STRUCTURES FORM: Inclosure 5

15 October, 1948

Potangeras Is., <sup>U</sup>lithi Atoll, 338

1. Name: structure as shown on sketch ,Incl. 3

Storage Hut

2. Cubic capacity: 7500 cu. ft. (approx.)

3. Purpose for which used: Storage; commissary and GSK.

4. Does structure as now equipped fill it purpose adequately?      Yes

INCLOSURE (S)



MESSING FACILITIES: INCLOSURE 6

15 October, 1948

338, Potangeras Is., <sup>U</sup>lithi Atoll

The following items are necessary to permit full utilization of messing space.

Item	Stock No.	Description	Quantity
1	64-P-354	Baking & Roasting Pan 26x17x3 $\frac{1}{2}$ inches	2 ea.
2	64-P-498	Bread Pans, Class D, overall size 28x11 $\frac{1}{2}$ inches	2 sets
3	64-P-1094	Sauce Pans, aluminum, capacity 15 qts.	3 ea.
4	63-S-8160	Spoons, Tea, class A	30 ea.

ENCLOSURE (6)



15 October, 1948

338, Potangeras Is., Ulithi Atoll

1. The following diseases are common to this area and inoculations are necessary:

Tetanus, typhoid, and small pox. Inoculations are given prior to the arrival of a man and boosters are administered at this unit.

2. The following diseases or ailments occur : fungus of the feet, groin, arm pits, and ears. Infections from cuts.

3. Preventative medicines are used after exposure. Prompt treatment of cuts. Alcohol, 70 % solution is used in ears immediately after swimming. Antiseptic powder used on feet and all vulnerable parts of the body by all personnel.



WORK LOAD ESTIMATES: Inclosure 8

15 October, 1948

Potangeras Is., Ulithi Atoll-338

For Unit: Loran Transmitting Station

	Optimum Condition (avg. Man-Hrs/week)	Minimum Condition (Avg Man-Hrs/week)
1. Operational Watch-Standing:		
(a) Scope	168	168
(b) Communications	17	14
2. Maintenance & Repairs: (excess work load for watch-standers item 1 )		
(a) Scope	24	20
(b) Communications	25	20
3. Maintenance & Repairs (day workers)		
(a) Technician	45	40
(b) Mechanic	48	45
(c) M.A.A. & Boatswain Mate (HM for both duties)	45	45
4. Station Service:		
(a) Mess: operation of	56	49
(b) Stores; procurement/handling of	14	14
(c) Correspondence/records; preparation/handling of	25	20
(d) Drills	1	1
(e) Medical	6	5
(f) Dukw duty	3	3

1.  
ENCLOSURE (8)



15 October, 1948

Potangeras Is., <sup>U</sup>lithi Atoll, 338

For Unit: Loran Transmitting Station

5. Ineffective time:	Optimum	Minimum
(a) Sick (including travel time)	0	0
(b) Absent, temp. duty (incl. travel time)	0	0
(c) Leave (including travel time)	0	0
(d) Liberty	0	0
(e) Vacancy (detachment prior arrival of relief)	3	3
6. Total amn-hrs/week	<u>480</u>	<u>447</u>



Potangeras Is, Ulithi Atoll 338  
(Unit)

15 October, 19 48  
(date)

6. Recommended  
rating structure:

Optimum  
Condition

Minimum  
Condition

Rating

Number

Number

ET	- - - - -	6	- - - - -	5
EN	- - - - -	2	- - - - -	2
HM	- - - - -	1	- - - - -	1
RM	- - - - -	1	- - - - -	1
CS	- - - - -	1	- - - - -	1
SN	- - - - -	3	- - - - -	0
	- - - - -		- - - - -	
	- - - - -		- - - - -	
	- - - - -		- - - - -	
	- - - - -		- - - - -	

7. Total enlisted personnel recommended - - - - - 14 - - - - - 10